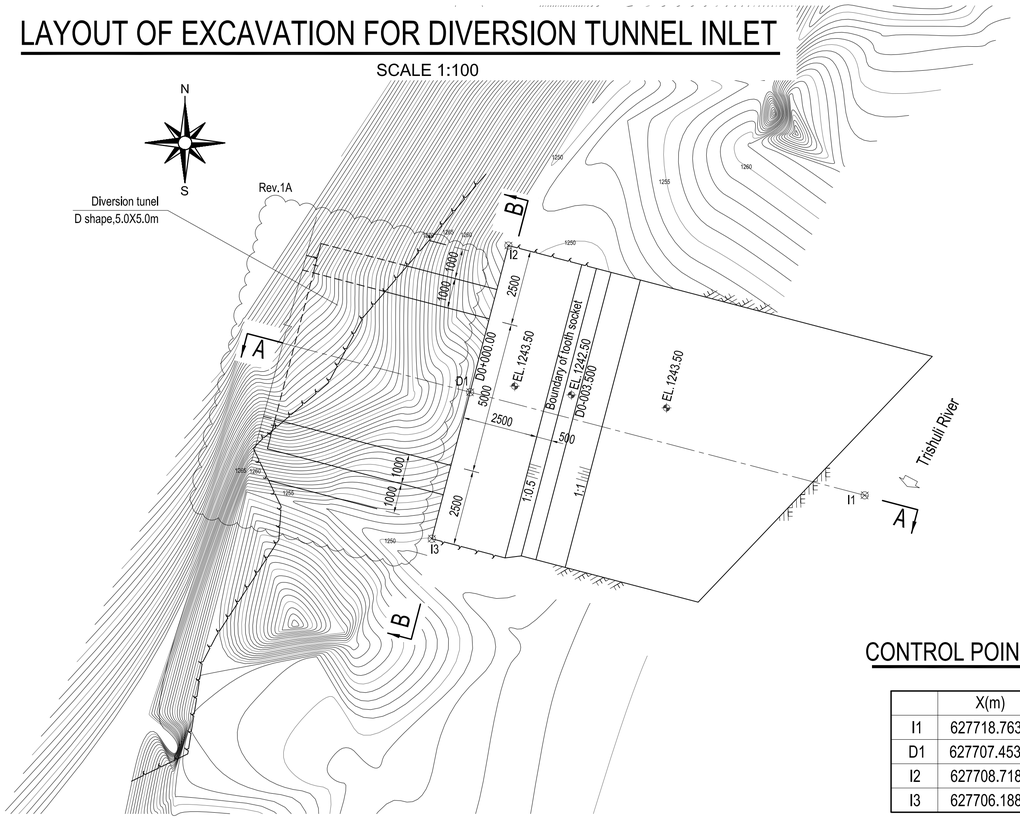
LAYOUT OF EXCAVATION FOR DIVERSION TUNNEL INLET

SCALE 1:100



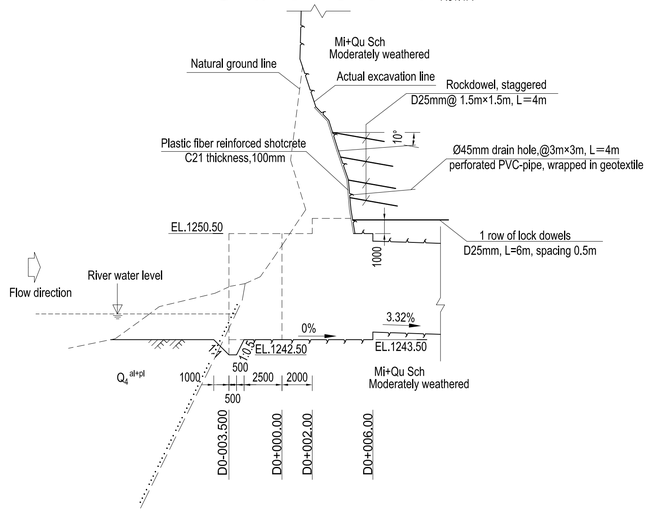
CONTROL POINT COORDINATES

	X(m)	Y(m)
I1	627718.763	3112645.360
D1	627707.453	3112648.317
I2	627708.718	3112653.155
I3	627706.188	3112643.480

SECTION A-A

SCALE 1:200

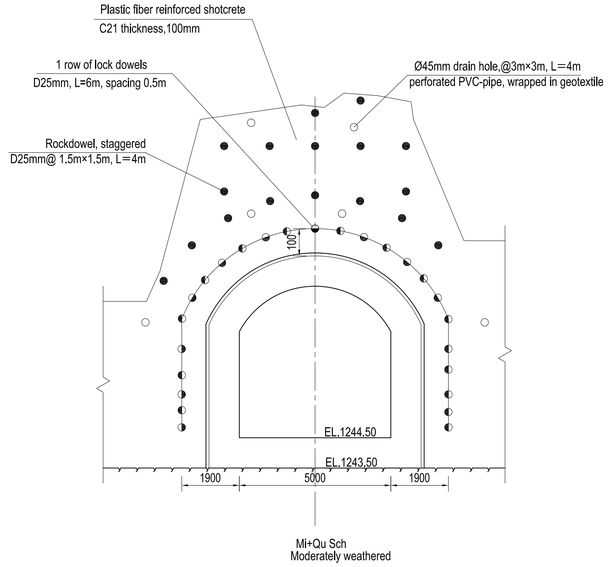
Rev.1A



SECTION B-B

SCALE 1:100

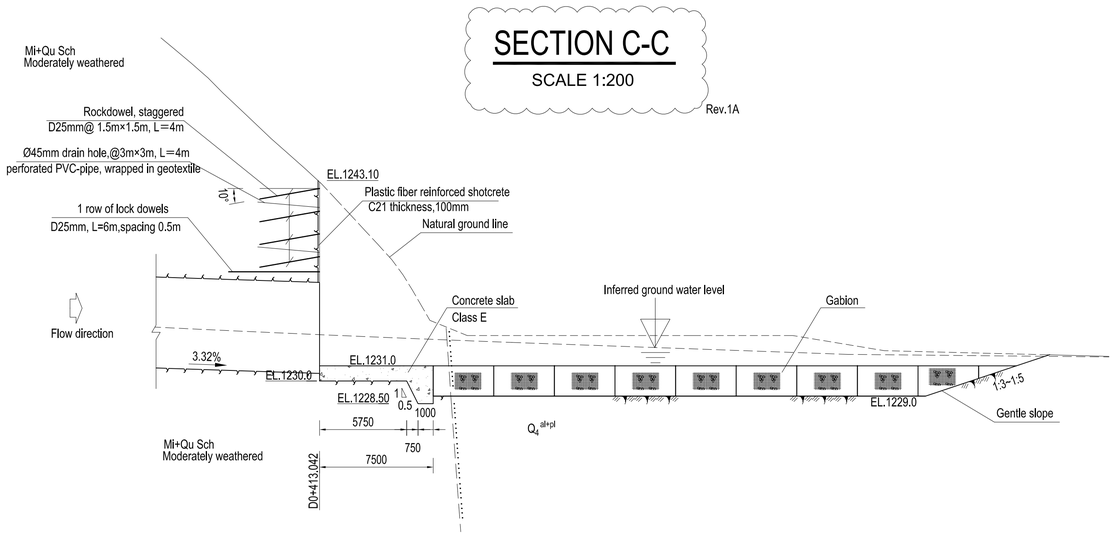
Rev.1A



SECTION C-C

SCALE 1:200

Rev.1A



SCALE:

1:100 0 1 2 3 4 5m

1:200 0 2 4 6 8 10m

NOTE

1. Coordinates, chainages & elevations are measured in meters, diameter is in millimeter, dimensions are in millimeter unless otherwise stated.
2. Symbol description:
   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
3. Strength specification of shotcrete:
   (1)Cylinder specified compressive strength 21MPa at 28 days.
   (2)Concrete class C: Cylinder specified compressive strength 12MPa at 28 days.
   (3)Concrete class E: Cylinder specified compressive strength 24MPa at 28 days.

REFERENCE DRAWINGS

UT1-C-010-CVL-DG-42001	ARRANGEMENT DRAWING OF DIVERSION TUNNEL

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
1A	31.MAR,2022	As on-site	DONG Z.Z.	K.J.KIM	Y.S.SON
0	22.JAN,2022	As RN-0043	DONG Z.Z.	K.J.KIM	Y.S.SON
0B	31.DEC,2021	Second issue	DONG Z.Z.	K.J.KIM	Y.S.SON
0A	25.DEC,2021	First issue	DONG Z.Z.	K.J.KIM	Y.S.SON

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT. LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE · jade CONSULT

CONTRACTOR

DOOSAN Doosan Heavy Industries & Construction

DRAWING TITLE

DIVERSION FACILITIES
EXCAVATION AND SUPPORT DRAWING OF INLET
AND OUTLET PORTAL OF DIVERSION TUNNEL (1/2)

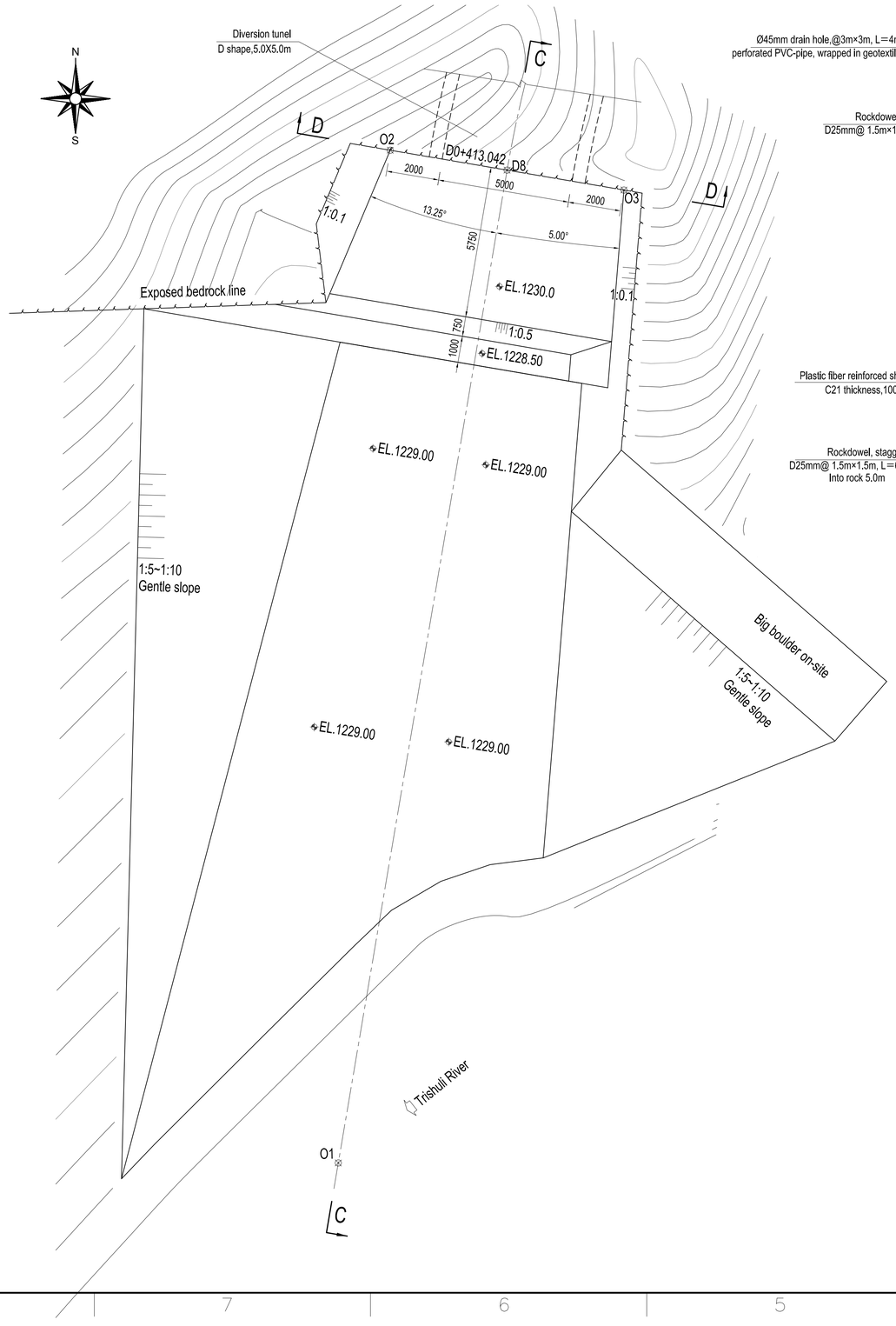
DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-010-CVL-DG-42002-1	1 OF 2	1A

A1 (594 x 841 MM)

LAYOUT OF EXCAVATION FOR DIVERSION TUNNEL OUTLET

SCALE 1:100

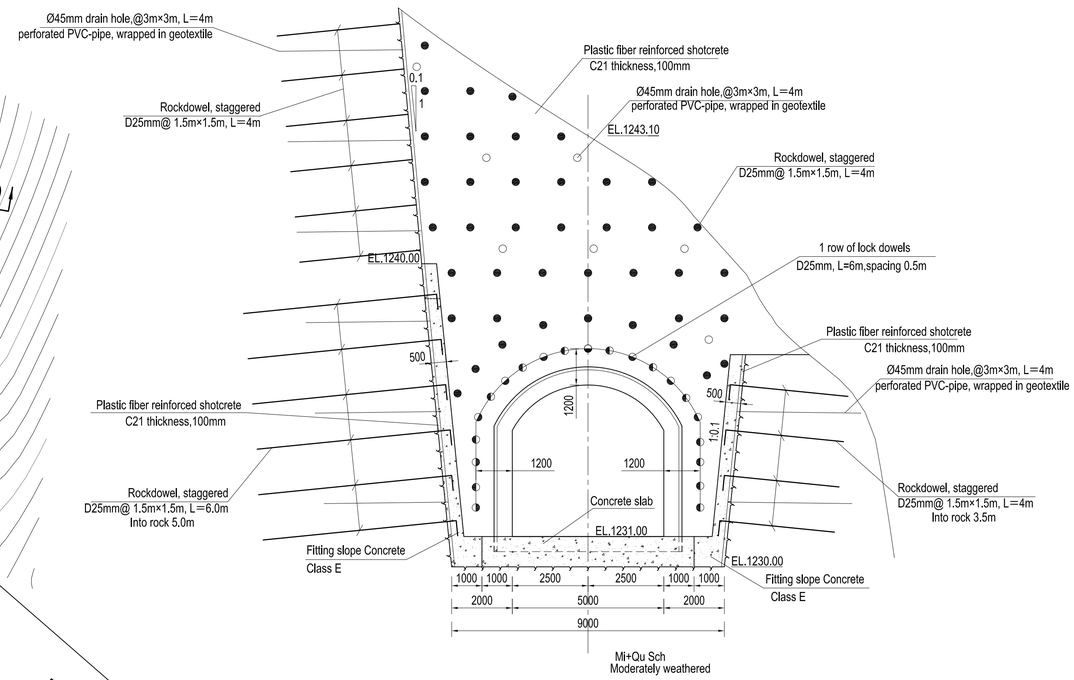
Rev.1A



SECTION D-D

SCALE 1:100

Rev.1A



CONTROL POINT COORDINATES

	X(m)	Y(m)
O1	627392.975	3112384.839
D8	627399.384	3112422.513
O2	627394.948	3112423.268
O3	627403.821	3112421.758

SCALE:
1:100 0 1 2 3 4 5m

NOTE

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   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
3. Strength specification of shotcrete:
   (1)Cylinder specified compressive strength 21MPa at 28 days.
   (2)Concrete class C: Cylinder specified compressive strength 12MPa at 28 days.
   (3)Concrete class E: Cylinder specified compressive strength 24MPa at 28 days.
4. Thickness and strength of filling slope concrete is subject of approval. Thickness and strength of concrete slab is subject of approval.

REFERENCE DRAWINGS

UT1-C-010-CVL-DG-42001	ARRANGEMENT DRAWING OF DIVERSION TUNNEL

SYMBOL AND LEGEND

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1A	31.MAR,2022	As on-site	DONG Z.Z.	K.J.KIM	Y.S.SON
0	22.JAN,2022	As RN-0043	DONG Z.Z.	K.J.KIM	Y.S.SON
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Upper Trishuli-1 HEP (216MW)

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OWNER'S ENGINEER

TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR

DOOSAN Doosan Heavy Industries & Construction

DRAWING TITLE

DIVERSION FACILITIES
EXCAVATION AND SUPPORT DRAWING OF INLET AND OUTLET PORTAL OF DIVERSION TUNNEL (2/2)

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-010-CVL-DG-42002-2	2 OF 2	1A

A1 (594 x 841 MM)